

Amendments to the Specification:

Please replace the paragraph beginning on page 5, line 21, with the following paragraph:

Returning to the general description of scanning, simplified versions of the respective wave forms of the vertical and horizontal scanners are shown in Figure 4. ~~In the plane 66 (Figure 3)~~ In the scanned beam display 40 of Figure 3, the beam traces the pattern 68 shown in Figure 5. Though Figure 5 shows only eleven lines of image, one skilled in the art will recognize that the number of lines in an actual display will typically be much larger than eleven. As can be seen by comparing the actual scan pattern 68 to a desired raster scan pattern ~~[[69]]~~ 70, the actual scanned beam 68 is "pinched" at the outer edges of the beam expander 62. That is, in successive forward and reverse sweeps of the beam, the pixels near the edge of the scan pattern are unevenly spaced. This uneven spacing can cause the pixels to overlap or can leave a gap between adjacent rows of pixels. Moreover, because the image information is typically provided as an array of data, where each location in the array corresponds to a respective position in the ideal raster pattern 69, the displaced pixel locations can cause image distortion.

Please replace the paragraph beginning on page 16, line 23, with the following paragraph:

In this embodiment, a pair of fibers 50 emit light from the light sources 78 (not shown) and the lens 84 is represented as a common refractive lens rather than as a partially transmissive mirror. Unlike the scanning source 42 of Figure 3, the scanning assembly 82 includes an active correction mirror 100 that can pivot to scan the light beam 80 along the vertical axis. As will be explained below, the correction mirror 100 produces a varying corrective shift along the vertical axis during each sweep (forward or reverse) of the horizontal scanner 56. The corrective shift offsets vertical movement of the beams 80 caused by the vertical scanner 58 to reduce the overall deviation of the scanning pattern from the desired pattern shown in broken lines in Figure 5. The correction mirror 100 carries a deformable membrane ~~[[180]]~~ (several embodiments of which are hereinafter described and shown) that can compensate for aberrations in the optical system or optical path length variations due to the scanning systems.

Please replace the paragraph beginning on page 17, line 6, with the following paragraph:

Before describing the structure and effects of the correction mirror 100 and the deformable membrane [[180]] and the relative timing of the various signals, exemplary embodiments of mechanically resonant scanner 200, 220 suitable for use as the horizontal scanner 56 and vertical scanner 58 will be described with reference to Figure 9.